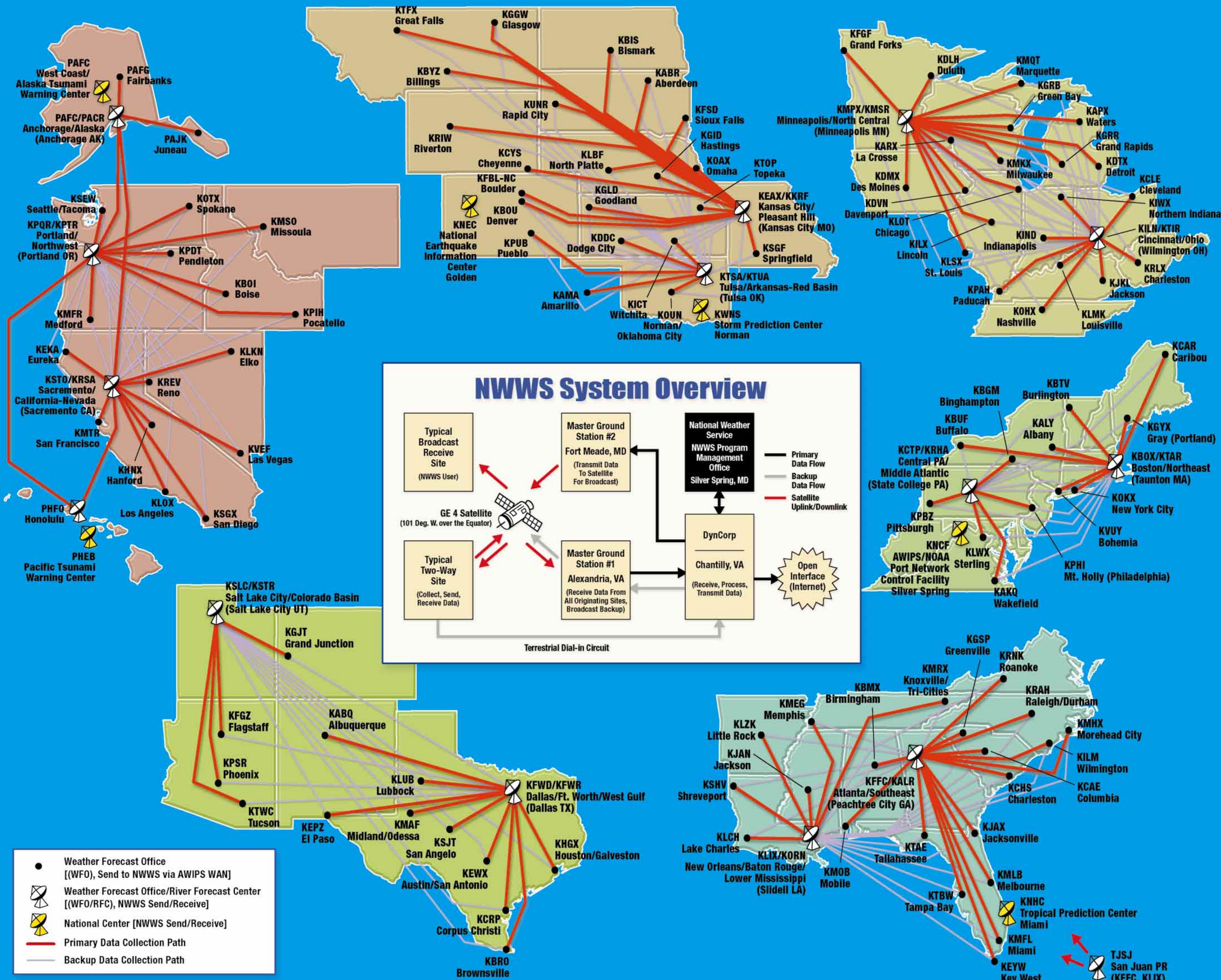


NOAA Weather Wire Service (NWWWS)

Providing Weather Information to the United States



NWWWS Operations

The NOAA Weather Wire Service (NWWWS) is a satellite data collection and broadcast system operated by the National Weather Service (NWS). Its purpose is to provide state and federal government, commercial users, and private citizens with timely delivery of meteorological, hydrological, climatological, and geophysical information (a complete listing of NWWWS products is available at <http://www.nws.noaa.gov/oso/oso1/oso15/pilhead.txt>).

NWWWS Data products originate at 139 NWS Offices (including 121 Weather Forecast Offices (WFO), 13 WFO/River Forecast Centers (WFO/RFC), and 5 NWS National Centers), utilizing the Advanced Weather Information processing System (AWIPS). NWWWS also receives products from the U. S. Geological Survey's Earthquake Center. NWWWS is the fastest delivery method available for most NWS forecast products, providing delivery to users in 10 seconds or less 98% of the time.

NWWWS network administration, maintenance, and field support is provided by DynCorp Information Systems LLC, under NWS contract.

Product Routing

Collection of products and satellite up-link is performed at all 13 WFO/RFCs, 6 National Centers, and 1 WFO. Products are then received from the satellite at Master Ground Station # 1 in Alexandria, VA., delivered to the DynCorp Master Processing Center (MPC) in Chantilly, VA., and broadcast back to the satellite to users from Master Ground Station # 2 in Ft. Meade, MD. Most products are sent twice through two satellite uplink sites (paired AWIPS hubs) to ensure receipt if one site goes down. Additionally, NWWWS receives back-up support from the AWIPS Network control facility in Silver Spring, MD, for priority 1 weather watches and warnings. Duplicate products are removed from the NWWWS data stream at MPC before broadcast.

WFO/RFC Paired AWIPS Hubs Uplinking Data to NWWWS

KCTP/KRHA	Central PA/Middle Atlantic (State College PA)	814-237-1152
KBOX/KTAR	Boston/Northeast (Taunton MA)	508-823-1983
KFWD/KFWR	Dallas/Ft. Worth/West Gulf (Dallas TX)	817-831-1581
KSLC/KSTR	Salt Lake City/Colorado Basin (Salt Lake City UT)	801-524-5106
KFFC/KALR	Atlanta/Southeast (Peachtree City GA)	770-486-0026
KLIX/KORN	New Orleans/Baton Rouge/Lower Mississippi (Slidell LA)	504-645-0565
TJSJ	San Juan PR	787-253-4504/1
KMPX/KMSR	Minneapolis/North Central (Minneapolis MN)	612-361-6671
KILN/KTIR	Cincinnati/Ohio (Wilmington OH)	937-383-0228
KEAX/KKRF	Kansas City/Pleasant Hill (Kansas City MO)	816-540-5147
KTSA/KTUA	Tulsa/Arkansas-Red Basin (Tulsa OK)	918-832-4115/6
KSTO/KRSA	Sacramento/California-Nevada (Sacramento CA)	916-979-3049
KPQR/KPTR	Portland/Northwest (Portland OR)	503-326-3720
PAFC/PACR	Anchorage/Alaska (Anchorage AK)	907-266-5105

National Centers Uplinking Data To NWWWS

KWNS	Norman, OK	405-579-0721	Storm Prediction Center
KNHC	Miami FL	305-229-4426/4/5	Tropical Prediction Center
PHEB	Honolulu HI	808-689-8207	Pacific Tsunami Warning Ctr*
PAAQ	Anchorage AK	907-745-4212	West Coast/Alaska Tsunami Warning Center*
KNEC	Golden CO	303-273-8470/8500	National Earthquake Information Center*
KNCF	Silver Spring, MD	301-713-9344	AWIPS/NOAA Port Network Control Facility

*Non AWIPS Sites

WFO Uplinking data to NWWWS

TJSJ	San Juan, PR	787-253-4504/1 *
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*KFFC and KLIX provide back-up

Receiving NWWWS Products

There are three options for receiving NWWWS products: C-band satellite, Ku-band satellite, and INTERNET service. Software is also available to manipulate, select, and display data. For more information, contact DynCorp at 1-800-633-2340, or see the DynCorp/NWWWS webpage at <http://dynis.dynCorp.com/contracts/nwwws/options.html>

NWWWS Program Management

Responsibility for overall management of the NWWWS resides at NWS Headquarters in Silver Spring, MD., within the Office of Operational Systems, Telecommunications Operations Center, (W/OPS32). Principal contacts are:

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